

Miscellaneous Notes

Misc 1

Calculations in the differential graded algebra $R = R_0 \oplus R_1$, $d: R_0 \rightarrow R_1$.

Misc 2

On $\mathcal{A} = Ae \otimes_B eA$.

Misc 3

Morita invariance for K_2 (dated 10/9/95).

Misc 4

Calculations with various differentials.

Misc 5

On $\overline{C}^\lambda(A \oplus \epsilon A)$ and twisting cochains.

Misc 6

Degeneracy structures result.

Misc 7

Bar type homology. Adjoint functors. Intrinsic K_1 . Excision.

Misc 8

On $K_1(A)$.

Misc 9

The S operator on $\overline{C}^\lambda(A)$.

Misc 10

On $\widetilde{HP}_*(A)$.

Misc 11

Building a complex as a Postnikov system. Supercomplexes.

Misc 12

Calculations in $E = A * S$, $S = k[F]$.

Misc 13

Excision for cyclic homology.

Misc 14

Calculations related to the (B, b) complex.

Misc 15

Calculations related to HH and HC .

Misc 16

On $\mathcal{M}(R, I)$.

Misc 17

On $Q = \tilde{A} \otimes P/AP$, $P \in \mathcal{P}(A)$.

Misc 18

Morita invariance for Hochschild and cyclic homology.

Misc 19

Review of module theory and Morita invariance.

Misc 20

Excision for cyclic homology.

Misc 21

Triple factorization property.

Misc 22

On the excision proof.

Misc 23

On $\text{Hom}_{A^{\text{op}}}(A \otimes_B A, A)$. Toeplitz operators. Basic operators for $T_B(A) = B \oplus A \oplus A \otimes_B A \cdots$.

Misc 24

Calculations with Toeplitz algebra operators.

Misc 25

Differential geometry calculations.

Misc 26

On $T(A^*) * \mathbb{C}[h]$ and $C^\lambda(A)$.

Misc 27

The bigraded differential algebra $T((\tilde{A} \otimes \mathbb{C}_\epsilon / \mathbb{C})^*)$.

Misc 28

Calculations in group algebras.

Misc 29

Pairing bar cochains to give Hochschild cochains.

Misc 30

Calculations in a space of connections. Free loop space of BU .

Misc 31

On firm, flat modules.

Misc 2003 32

Module calculations.

Misc 33

On quivers and quantum groups. Gelfand functors.

Misc 34

Cyclic cohomology and anomalies.

Misc 35

Topological Markov chains. Modules over a ring where $A^2 = A$.

Misc 36

Excision proof.

Misc 37

Calculations in periodic cyclic homology.

Misc 38

on K -theory.

Misc 39

Calculations in the (B, b) complex.

Misc 40

Review of V. Jones $B \hookrightarrow A \xrightarrow{\rho} B$ calculations. Hilbert space picture of GNS.